

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 1 | 576 | 403/274.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/26 13:05 |
| 2 | 28 | 403/274.ccls. and swag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/26 13:05 |
| 3 | 5 | ("2105119" "2376397" "2976562" "2987752" "3924317").PN. | USPAT | 2004/08/26 13:08 |
| 4 | 1 | 4263707.URPN. | USPAT | 2004/08/26 13:08 |
| - | 1116 | 29/517.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 09:53 |
| - | 109 | 29/517.ccls. and swag\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:45 |
| - | 250 | 29/432.1.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 13:37 |
| - | 898 | 29/505.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 13:37 |
| - | 168 | 29/505.ccls. and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:00 |
| - | 102 | 29/508.ccls. and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:27 |
| - | 48 | 29/510.ccls. and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:33 |
| - | 3 | 29/510.ccls. and (collar same swag\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:33 |
| - | 3 | 29/505.ccls. and (collar same swag\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:34 |
| - | 8 | 29/508.ccls. and (collar same swag\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:35 |
| - | 11 | 29/520.ccls. and (collar same swag\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:36 |
| - | 189 | 29/520.ccls. and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:48 |
| - | 156 | 29/521.ccls. and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/23 14:48 |
| - | 108 | (rod same (groove or channel)) and (collar same swag\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:01 |

| | | | | |
|---|------|---|---|------------------|
| - | 1585 | 29/525.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:04 |
| - | 415 | 29/525.ccls. and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:01 |
| - | 27 | (29/525.ccls. and (groove or channel)) and swag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:01 |
| - | 112 | 29/525.08.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:08 |
| - | 1496 | 29/523.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:13 |
| - | 109 | 29/523.ccls. and swag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:08 |
| - | 37 | 29/443.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:13 |
| - | 15 | 29/235.ccls. and swag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:20 |
| - | 15 | 29/235.ccls. and swag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:21 |
| - | 11 | 29/450.ccls. and swag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:21 |
| - | 6 | ("3149860" "3375026" "3498648" "3528689" "3893718" "4061367").PN. | USPAT | 2004/08/24 10:26 |
| - | 9 | 4598938.URPN. | USPAT | 2004/08/24 10:27 |
| - | 8 | ("1254161" "1459778" "2052616" "3189672" "3261909" "3325061" "3464412" "3503542").PN. | USPAT | 2004/08/24 10:29 |
| - | 13 | 3577850.URPN. | USPAT | 2004/08/24 10:30 |
| - | 3 | ("3052276" "3455140" "3514843").PN. | USPAT | 2004/08/24 10:34 |
| - | 18 | 3792603.URPN. | USPAT | 2004/08/24 10:34 |
| - | 3 | 3115797.URPN. | USPAT | 2004/08/24 10:37 |
| - | 8 | ("3038626" "3073205" "3149530" "3292482" "3302510" "4012984" "4044591" "4089249").PN. | USPAT | 2004/08/24 10:37 |
| - | 1 | 4219924.URPN. | USPAT | 2004/08/24 10:39 |
| - | 4265 | swag\$3 and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:56 |
| - | 1787 | (swag\$3 and die) and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:56 |
| - | 213 | ((swag\$3 and die) and (groove or channel)) and protrusion | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:42 |
| - | 2362 | swag\$3 same die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 10:56 |

| | | | | |
|---|-----|---|---|------------------|
| - | 879 | (swag\$3 same die) and (groove or channel) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:14 |
| - | 109 | 29/517.ccls. and swag\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:15 |
| - | 51 | 29/517.ccls. and (swag\$3 same die) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:16 |
| - | 10 | 29/432.1.ccls. and (swag\$3 same die) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:17 |
| - | 8 | 29/505.ccls. and (swag\$3 same die) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:17 |
| - | 17 | 29/508.ccls. and (swag\$3 same die) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:18 |
| - | 1 | 29/510.ccls. and (swag\$3 same die) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:18 |
| - | 18 | 29/520.ccls. and (swag\$3 same die) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:20 |
| - | 11 | 29/521.ccls. and (swag\$3 same die) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:20 |
| - | 15 | ("2335414" "2394351" "2862732" "3112940" "3290069" "3474519" "3726122" "3787080" "3805567" "3921281" "3970336" "5080406" "5452921" "5544406" "5592726").PN. | USPAT | 2004/08/24 11:22 |
| - | 3 | ("3125806" "4392678" "5080406").PN. | USPAT | 2004/08/24 11:24 |
| - | 2 | 5544406.URPN. | USPAT | 2004/08/24 11:24 |
| - | 2 | 5544406.URPN. | USPAT | 2004/08/24 11:32 |
| - | 70 | 29/516.ccls. and swag\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:45 |
| - | 36 | 29/516.ccls. and swag\$4 and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:47 |
| - | 12 | 29/512.ccls. and swag\$4 and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:48 |
| - | 14 | 29/515.ccls. and swag\$4 and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:49 |
| - | 18 | 29/521.ccls. and swag\$4 and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 11:49 |
| - | 219 | 72/360.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 13:52 |

| | | | | |
|---|-----|--|---|------------------|
| - | 106 | 470/197.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/24 13:53 |
| - | 1 | 2408793.URPN. | USPAT | 2004/08/24 14:09 |
| - | 3 | 2756444.URPN. | USPAT | 2004/08/24 14:09 |
| - | 2 | 3513683.URPN. | USPAT | 2004/08/24 14:09 |
| - | 0 | 29/505.ccls | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 10:42 |
| - | 898 | 29/505.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 10:43 |
| - | 143 | 29/505.ccls. and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 10:54 |
| - | 14 | 29/506.ccls. and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 10:54 |
| - | 55 | 29/508.ccls. and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 11:03 |
| - | 21 | 29/510.ccls. and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 11:04 |
| - | 59 | 29/515.ccls. and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 11:15 |
| - | 143 | 29/517.ccls. and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 13:13 |
| - | 34 | ("1196524" "1693839" "1797691" "1823158" "2663270" "2701733" "2880021" "3274671" "3496800" "3623442" "3762042" "3786695" "4012967" "4146340" "4218156" "4295389" "4317355" "4399682" "4497866" "4523872" "4602892" "4667530" "4684284" "4700446" "4714262" "4763922" "4787771" "4901426" "4953894" "4967584" "4970887" "4993864" "5026254" "5072655").PN. | USPAT | 2004/08/25 11:26 |
| - | 5 | 5606790.URPN. | USPAT | 2004/08/25 11:29 |
| - | 136 | 29/520.ccls. and die | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 13:13 |
| - | 5 | ("2318326" "3098022" "3125147" "3186466" "3408730").PN. | USPAT | 2004/08/25 13:23 |
| - | 2 | 3680195.URPN. | USPAT | 2004/08/25 13:23 |
| - | 11 | ("1784755" "3800401" "3877133" "3918625" "3958389" "4389766" "4496052" "4528739" "4555838" "4557651" "4637766").PN. | USPAT | 2004/08/25 13:24 |
| - | 0 | 296/515.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 13:38 |
| - | 367 | 29/515.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 13:51 |

| | | | | |
|---|------|---|---|------------------|
| - | 1116 | 29/517.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 13:51 |
| - | 606 | 29/516.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 14:12 |
| - | 1116 | 29/517.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/25 14:14 |
| - | 21 | ("0546314" "1307537" "1307637" "1762766" "2319024" "2341629" "2437933" "3017203" "3125806" "3556567" "3834743" "4114930" "4214358" "4392678" "4585255" "4629221" "4650228" "4805944" "4844516" "5031301" "5080406").PN. | USPAT | 2004/08/25 15:41 |
| - | 18 | ("1169642" "1291388" "1322250" "1703037" "1797691" "1995616" "3068563" "3142262" "3187644" "3633467" "3689112" "3741077" "3896707" "3930437" "3984904" "4519300" "4546692" "4791712").PN. | USPAT | 2004/08/25 15:41 |
| - | 7 | 2852843.URPN. | USPAT | 2004/08/25 15:42 |
| - | 3 | ("3052276" "3455140" "3514843").PN. | USPAT | 2004/08/26 09:52 |
| - | 18 | 3792603.URPN. | USPAT | 2004/08/26 09:53 |
| - | 158 | 72/474.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/26 13:05 |